

IN THE CLAIMS:

1. (Currently Amended) An image display device for receiving a set of image signals that express an image and displaying ~~[[an]]~~ the image on a screen, comprising:

a determining unit ~~operable to determine~~ determining a boundary position for dividing ~~a displayed~~ the screen vertically or horizontally into a first area and a second area;

5 a first display unit ~~operable to specify, based on the boundary position, image signals pertaining to part of the image to be displayed in the first area, to convert a color attribute of said image signals, and to display the part of the image in the first area based on said converted image signals; and~~ (i) based on the boundary position, specifying, from among the set of image signals, a first subset of image signals that express a first partial image to be displayed in the first area, the
10 first partial image being a part of the image expressed by the set of image signals, (ii) converting a color attribute of the first subset of image signals to generate a converted first subset of image signals, and (iii) displaying a converted first partial image expressed by the converted first subset of image signals in the first area; and

a second display unit ~~operable to specify, based on the boundary position, image~~
15 ~~signals pertaining to a remaining part of the image to be displayed in the second area, and to display the remaining part of the image in the first area based on said image signals before or after converting a color attribute thereof.~~ (i) based on the boundary position, specifying, from among the set of image signals, a second subset of image signals that express a second partial image to be displayed in the second area, the second partial image being another part of the image expressed by
20 the set of image signals, and (ii) displaying in the second area one of (a) the second partial image expressed by the second subset of image signals and (b) a converted second partial image expressed

by a converted second subset of image signals generated by converting a color attribute of the second subset of image signals.

2. (Currently Amended) The image display device of claim 1, wherein

the first display unit includes a table storage subunit storing ~~operable to store therein~~ a color conversion table which maps a same value or a different value for each of a plurality of possible pixel values of the first subset of image signals, and

5 each pixel value ~~pertaining to the part of the image to be displayed in the first area of~~ the first subset of image signals is converted to a corresponding pixel value in accordance with the color conversion table.

3. (Currently Amended) The image display device of claim 2, wherein

the determining unit stores a pixel position pertaining to the boundary position, ~~which is for dividing the display screen vertically or horizontally,~~

the first display unit specifies pixel values ~~pertaining to the part of the image to be~~ displayed in the first area of the first subset of image signals by counting a reception timing of the received set of image signals with reference to the stored pixel position, and

the second display unit specifies pixel values ~~pertaining to the remaining part of the image to be displayed in the second area of the second subset of image signals~~ by counting a reception timing of the received set of image signals with reference to the stored pixel position.

4. (Currently Amended) The image display device of claim 3, wherein the determining

unit determines the boundary position based on a user input, and stores ~~the pixel position pertaining to~~ the determined boundary position as the pixel position.

5. (Currently Amended) The image display device of claim 4, wherein the determining unit receives ~~[[a]]~~ the user input, which is ~~[[of]]~~ information showing a position on the ~~display screen,~~ and determines the boundary position so that the position shown by the information is included in the first area.

6. (Currently Amended) The image display device of claim 4, wherein the determining unit receives ~~[[a]]~~ the user input, which is ~~[[of]]~~ information showing a position on the ~~display screen,~~ and determines the position shown by the information to be the boundary position.

7. (Currently Amended) The image display device of claim 4, wherein the determining unit receives ~~[[a]]~~ the user input, which is ~~[[of]]~~ information showing a position on ~~[[a]]~~ the ~~display screen,~~ and determines a position separated a given number of pixels from a pixel position pertaining to the position shown by the information to be the boundary position.

8. (Currently Amended) The image display device of claim 2, further comprising:
a modification unit ~~operable to modify~~ modifying content of the color conversion table based on a user input showing an instruction for modifying the content of the color conversion table.

9. (Currently Amended) The image display device of claim 8, wherein the modification unit specifies, ~~based on a user input,~~ a pixel value to be converted and the pixel value after conversion based on the user input that includes information for specifying the pixel value to be converted and the pixel value after conversion, and updates content of the color conversion table
5 with the two specified pixel values ~~of the pixel signal.~~

10. (Currently Amended) The image display device of claim 9, wherein the modification unit receives ~~[[a]]~~ the user input ~~[[of]]~~ that includes information showing a position on ~~[[a]]~~ the display screen and specifies a pixel value of the position shown by the information as the pixel value to be converted.

11. (Currently Amended) An image display method for receiving a set of image signals that express an image and displaying ~~[[an]]~~ the image on a screen, comprising ~~the steps of:~~

a determining step of determining a boundary position for dividing a displayed the screen vertically or horizontally into a first area and a second area;

5 ~~specifying, based on the boundary position, image signals pertaining to part of the image to be displayed in the first area, converting a color attribute of said image signals, and displaying the part of the image in the first area based on said converted image signals; and~~

a first display step of (i) based on the boundary position, specifying, from among the set of image signals, a first subset of image signals that express a first partial image to be displayed
10 in the first area, the first partial image being a part of the image expressed by the set of image signals, (ii) converting a color attribute of the first subset of image signals to generate a converted first subset of image signals, and (iii) displaying a converted first partial image expressed by the converted first subset of image signals in the first area; and

~~specifying, based on the boundary position, image signals pertaining to a remaining~~
15 ~~part of the image to be displayed in the second area, and displaying the remaining part of the image in the second area based on said image signals before or after converting a color attribute thereof.~~

a second display step of (i) based on the boundary position, specifying, from among the set of image signals, a second subset of image signals that express a second partial image to be

20 displayed in the second area, the second partial image being another part of the image expressed by
the set of image signals, and (ii) displaying in the second area one of (a) the second partial image
expressed by the second subset of image signals and (b) a converted second partial image expressed
by a converted second subset of image signals generated by converting a color attribute of the
second subset of image signals.